

**Notice of Allowability**

Application No.

09/715,453

Examiner

Duyen M. Doan

Applicant(s)

DUNN ET AL.

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**-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--**

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 1/17/07.
2. ☒ The allowed claim(s) is/are 1-8,10,11,13-25.
3. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some\* c) ☐ None of the:
- ☐ Certified copies of the priority documents have been received.
  - ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  - ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
- (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
- 1) ☐ hereto or 2) ☐ to Paper No./Mail Date \_\_\_\_\_.
- (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

**Attachment(s)**

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☐ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date \_\_\_\_\_
4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material

5. ☐ Notice of Informal Patent Application

6. ☒ Interview Summary (PTO-413), Paper No./Mail Date 4/5/07.

7. ☒ Examiner's Amendment/Comment

8. ☒ Examiner's Statement of Reasons for Allowance

9. ☐ Other

  
BUNJOO JAROENCHONWANIT  
SUPERVISORY PATENT EXAMINER

### **EXAMINER'S AMENDMENT**

**Claims 1-8,10-11,13-25,32-39,41-42,44-52,59 are pending.**

**Claims 32-39,41-42,44-52,59 are cancelled.**

**Claims 27-31,53-58 are changing the status from withdrawn to cancelled.**

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Richard Hinson (registration number 47,652) on 4/5/07 at phone number (561) 653-5000.

The application has been amended as follows:

Claim 1. (Currently amended) A hypermedia content presentation method comprising:

presenting hypermedia content on a local client system, said hypermedia content containing hyperlinks to additional hypermedia content;

responsive to a user selecting at least one of said hyperlink, storing user selected ones of said hyperlinks in a delayed viewing list;

analyzing data storage resources of the local client system and at least one of processing resources of the local client system and transmission bandwidth of a

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network connection between the local client system and a proxy server to determine if at least one resource-constrained condition for the local client system exists;

    caching hypermedia content associated with said stored hyperlinks during said presenting step if no resource-constrained condition for the local client system exists, wherein the hypermedia content is presented to the user during said [receiving] caching step[s];

    delaying caching hypermedia content associated with said stored hyperlinks as long as at least one resource-constrained condition for the local client system exists;

    organizing cached hypermedia content into a series of topic folders corresponding to different topics; and

    storing delayed viewing list entries in said series of topic folders, wherein each entry is stored in a topic folder containing associated hypermedia content.

Claim 5. (Currently amended) The method of claim 1, wherein said presenting step comprises displaying audiovisual television content combined with hypermedia content in a television set, said audio visual television content comprising a video stream, wherein said video stream is presented in an uninterrupted manner during said [receiving], storing, and caching steps.

Claim 8. (Currently amended) The method of claim 1, further comprising:

    caching further hypermedia content in a proxy cache where downloading said further hypermedia content to a local cache can constrain at least one of data storage

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resources of the local system, processing resources of the local system, and transmission bandwidth of a network connection.

Claim 22. (Currently amended) A hypermedia content presentation system comprising:

- a content browser executing on a local client system for presenting hypermedia content to a user;

- a means for the user to select at least one hyperlink from within the content browser while the hypermedia content is displayed to the user;

- a content cache for storing further hypermedia content related to said hypermedia content presented in said content browser;

- a delayed viewing list for storing hyperlinks to said further hypermedia content in said content cache, said hyperlinks contained in said hypermedia content presented in said content browser, wherein said delayed viewing list is dynamically created responsive to user selections of hyperlinks that have been presented within the content browser; and,

- a delayed viewing list manager to analyze data storage resources of the local client system and at least one of processing resources of the local client system and transmission bandwidth of a network connection of between the local client system to determine if at least one resource-constrained condition for the local client system exists;

- said delayed viewing list manager downloading said further hypermedia content to said content cache during said presentation of said hypermedia content in said

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content browser without a view currently presented in the content browser from being relinquished if no resource-constrained condition for the local client system exists;

said delayed viewing list manager delaying downloading said further hypermedia content to said content cache if least one resource-constrained condition for the local client system exists;

said delayed view list manager including a create-topic folder function for organizing cached hypermedia content into a series of topic folders corresponding to different topics;

said delayed view list manager further including an add function for adding delayed viewing list entries in said series of topic folder, wherein each entry is stored in a topic folder containing associated hypermedia content.

Claim 27. ([Withdrawn] Cancelled)

Claim 28. ([Withdrawn] Cancelled)

Claim 29. ([Withdrawn] Cancelled)

Claim 30. ([Withdrawn] Cancelled)

Claim 31. ([Withdrawn] Cancelled)

Claim 32. (Cancelled)

Claim 33. (Cancelled)

Claim 34. (Cancelled)

Claim 35. (Cancelled)

Claim 36. (Cancelled)

Claim 37. (Cancelled)

Claim 38. (Cancelled)

Claim 39. (Cancelled)

Claim 41. (Cancelled)

Claim 42. (Cancelled)

Claim 44. (Cancelled)

Claim 45. (Cancelled)

Claim 46. (Cancelled)

Claim 47. (Cancelled)

Claim 48. (Cancelled)

Claim 49. (Cancelled)

Claim 50. (Cancelled)

Claim 51. (Cancelled)

Claim 52. (Cancelled)

Claim 53. ([Withdrawn] Cancelled)

Claim 54. ([Withdrawn] Cancelled)

Claim 55. ([Withdrawn] Cancelled)

Claim 56. ([Withdrawn] Cancelled)

Claim 57. ([Withdrawn] Cancelled)

Claim 58. ([Withdrawn] Cancelled)

Claim 59. (Cancelled)

### **Reasons for Allowance**

The following is an examiner's statement of reasons for allowance:

The prior art of record single or in combination failed to teach the combination of the invention as claimed in independent claims 1 and 22.

For example it failed to teach analyzing data storage resources of the local client system and at least one of processing resources of the local client system and transmission bandwidth of a network connection between the local client system and a proxy server to determine if at least one resource-constrained condition for the local client system exists; caching hypermedia content associated with said stored hyperlinks during said presenting step if no resource-constrained condition for the local client system exists, wherein the hypermedia content is presented to the user during said



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[receiving] caching step[s]; delaying caching hypermedia content associated with said stored hyperlinks as long as at least one resource-constrained condition for the local client system exists; organizing cached hypermedia content into a series of topic folders corresponding to different topics which clearly support by the specification pages 9-14. These features in light of other features of the independent claims 1 and 22 enable claims' allowable.

The Dependent claims further limit the independent claims and are considered allowable on the same basis as the independent claims as well as for the further limitations set forth.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

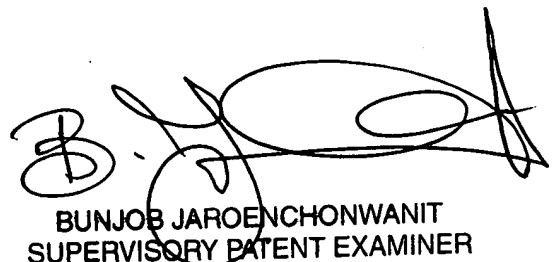
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Any inquiry concerning this communication or earlier communications from the examiner should be directed to Duyen M. Doan whose telephone number is (571) 272-4226. The examiner can normally be reached on 9:30am-6:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Bunjob Jaroenchonwanit can be reached on (571) 272-3913. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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